



ARDEX WPM 950

Liquid-applied moisture cure Polyurethane Waterproofing Membrane

Fast drying time

Resistant to dirt and chemical

Can be used on concrete and metal surfaces

Seamless protection without joints

Flexible and able to withstand movement and hairline crack
bridging



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DESCRIPTION

ARDEX WPM 950 is single component liquid applied, highly elastic moisture polyurethane membrane used for long-lasting. It is UV stable, suitable for roof application.

For UV or color fastness, apply a UV stable topcoat, WPM 950 topcoat (being ARDEX WPM 429). Cures by reaction with ground and air moisture.

APPLICATION RANGE

- Waterproofing of balconies, wet area and terraces
- Protection of Polyurethane Foam insulation
- Waterproofing of flowerbeds and planter boxes
- Waterproofing and protection of concrete and metal roofs

SUBSTRATE PREPARATION

Concrete floors must be solid, clean and free of wax, grease, dust, loose particles or any other contaminants. New concrete surfaces should ideally be at least 28 days old and with a moisture content not exceeding 5%. If rain is imminent, do not apply the coating. Old loose coating, dirt, fats, oils, organic substances and dust need to be removed by mechanical methods such as shot blasting or diamond grinding. It is critical to achieve a well prepared substrate in order to ensure optimum adhesion between the new coating system and the existing. Do not wash surface with water.

PRIMING

Prime the prepared floors such as concrete, cement, screed surface using ARDEX R 2 SE. And for moisture sensitive subfloors ARDEX WPM 300 is recommended.

MIXING

Stir well using a slow speed drill mixer until the mixture is homogeneous and free of lumps.

DO NOT RE-TAMPER WITH WATER.

INSTALLATION

Pour ARDEX WPM 950 onto the primed surface and lay it out with roller or brush, until all surfaces is covered. You can use airless spray as well. Always reinforce with ARDEX Deckweb at problem areas like wall-floor connection, chimneys, pipes and over repaired cracks.

For UV or colour protection, apply the UV stable topcoat over cured ARDEX WPM 950 which is ARDEX WPM 429.

COVERAGE

Approx. 1.5 kg per m² in two coats application to achieve 1.1mm (DFT).

This coverage is based on application by roller onto a smooth surface in optimum conditions. Coverage will vary depending on the porosity of the surface, temperature and application method.

RECOAT TIME

Apply the second coat when the first coat is dry after >12 hours.

DRYING TIME

Allow approx. 5 – 6 hours for touch dry @25°C. Full cure after 7 days, depending on temperature and humidity.

CLEANING

Tools and equipment should be cleaned with an environmentally safe solvent, as permitted under local regulation, immediately after use.

PACKAGING

22kg pail

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TECHNICAL PROPERTIES

Property	Result
Density	1.2 - 1.3kg/m ³
Touch Dry @25°C, 65%RH	5-6 hrs
Elongation at Break	>350%
Tensile Strength	> 2.0 N/mm ²
Adhesion to concrete ASTM D903	>1.2 N/mm ² (concrete surface failure)
Hardness (Shore A scale)	40 +/- 5
VOC Content	<50g/l

SHELF LIFE AND STORAGE

Store in dry, damp-free and cool conditions. ARDEX WPM 950 has a storage life of 12 months in the original unopened containers.

SAFETY DATA

ARDEX WPM950 contains solvent and should be handled and treated with caution. Avoid contact with eyes and wear face mask to prevent dust inhalation. Seek immediate medical assistance should irritation or ingestion occur.

The MSDS is available upon request and online at www.ardex.com.sg.

DISCLAIMER

The technical datasheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at

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